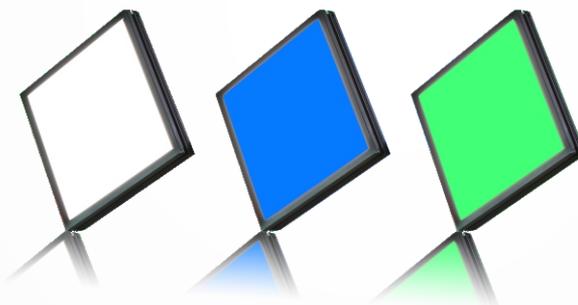


High Luminance Back Light

2FT/3FT Series

3LINH	Line scan illumination
3LINL	
3LIN	
2LINS	
2LIN	
2COXL	Structured light
2LINM	
SDL	
STL	
RN	
RNH	Ring illumination
SRN	
HPR	
FPR	
DML	Shadowless illumination
LFR	
3DM	
2DM	
LFX	
FPQ	Bar illumination
RIH	
DL	
3BRH	
2BR	
2BRS	Coaxial illumination
2BRM	
3COH	
3CON	
COXR	
3COX	Multi-angle illumination
COPA	
HSL	
2SL	
SL	
RNMU	Back illumination
AOI	
2FTB/2FTR	
FTC	
2FT/3FT	
2PFT/3PFT	Customized
LIP	
IP	
IR	
UV	
PS	Controller
PD	
2DRC	
3STU	
APC	
DPC	
2APC	
DPA	
2ACC	
2DPC	Lenses
Area scan	
Line scan	

- ◆ Compact design, high efficiently use the eco-friendly material.
- ◆ Import ultrathin paste LED used, high luminance, high uniformity.
- ◆ Shell processed by high precision mould, shorten the difference between different batch.
- ◆ Multiple installation method, easy to install.

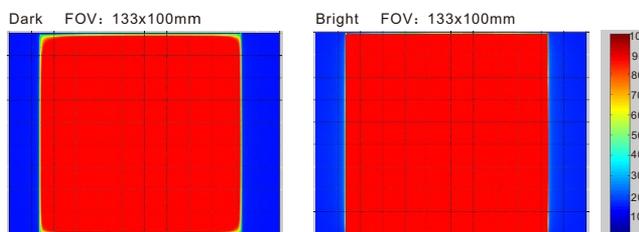
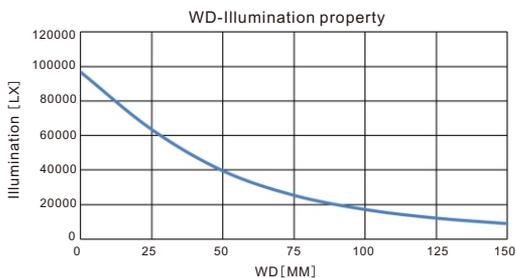


Applications Contour dimension measurement / damaged edge inspection / transparency impurity inspection / oral liquid level height inspection

Illumination property diagram

Uniformity (Relative irradiance)

Model: LTS-2FT100100-W



*Above diagram only for reference.

> Customized

Changeable:

- Multi-area control
- Length and width
- Color & color temp.
- Length of cable
- Installation method

> Wire jacket



Cover wire jacket, anti-pulls.

> Imaging instance: contour inspection

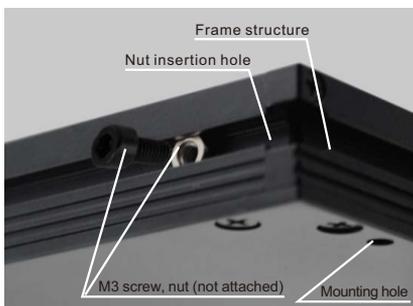


Content	contour inspection
Workpiece	Metal logo
Light model	LTS-2FT7070-W
Result	black contour edge

Workpiece photograph → LTS-2FT7070-W

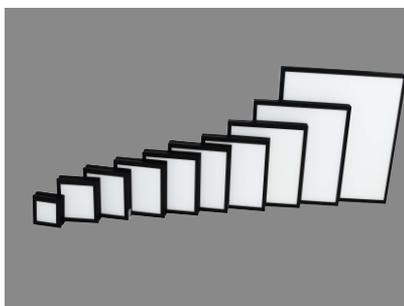
Contour inspection → White background, black edge, obvious contrast.

> Installation method



Adopt frame structure installation method, and base area installation method. Can be optional by the conditions on site.

> Various models



Luminous surface of 2FT series back light from 30x30 to 180x180, luminous surface of 3FT series back light from 190x190 to 500x500 mm with various models, the dimension can be customized, square and rectangle optional. The color have IR, red, white, blue, green and so on.



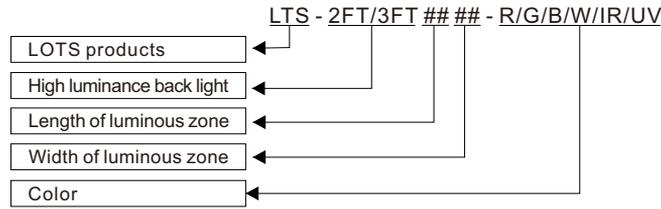
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- Customized color
- On-site technical support
- Sample free rent service

High Luminance Back Light

2FT/3FT Series

→ Coding rule



→ Light parameters

Product	Model	Voltage	Power	Color	Peak wavelength / color temperature	Weight	Option	Adapted controller	Dimension	Common	Remark
High luminance back light	LTS-2FT3030	24V	0.7W	R	Red: 620-630nm Green: 525-530nm Blue: 465-470nm White: 6600K (color temperature)	60 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	1	Y	
			1.2W	G B W							
	LTS-2FT4060	24V	1.4W	R		97 g					
			2.2W	G B W							
	LTS-2FT5050	24V	2.4W	R		101 g					
			3.6W	G B W							
	LTS-2FT6060	24V	2.9W	R		124 g					
			4.8W	G B W							
	LTS-2FT7070	24V	3.8W	R		150 g					
			5.8W	G B W							
	LTS-2FT8080	24V	4.3W	R		175 g					
			7.2W	G B W							
	LTS-2FT9090	24V	5.8W	R		212 g					
			9.6W	G B W							
	LTS-2FT100100	24V	7.7W	R		249 g					
			11.5W	G B W							
	LTS-2FT11060	24V	4.3W	R		191 g					
			7.2W	G B W							
	LTS-2FT11075	24V	4.6W	R		201 g					
			7.7W	G B W							
	LTS-2FT120120	24V	9.6W	R		324 g					
			14.4W	G B W							
	LTS-2FT13050	24V	4.1W	R		301 g					
			6.7W	G B W							
	LTS-2FT130130	24V	10.1W	R		394 g					
			16.8W	G B W							
	LTS-2FT140140	24V	11.8W	R		420 g					
			18.5W	G B W							
	LTS-2FT15050	24V	5.8W	R		211 g					
			8.6W	G B W							
	LTS-2FT150100	24V	8.6W	R		330 g					
			14.4W	G B W							
	LTS-2FT150150	24V	11.5W	R		463 g					
			19.2W	G B W							
	LTS-2FT160160	24V	15.4W	R		510 g					
			23.0W	G B W							
	LTS-2FT17090	24V	10.1W	R		397 g					
			15.1W	G B W							
	LTS-2FT180100	24V	10.1W	R		450 g					
			16.8W	G B W							
	LTS-2FT180140	24V	11.5W	R		740 g					
			19.2W	G B W							
LTS-2FT180180	24V	18.7W	R	833 g							
		28.1W	G B W								
LTS-3FT20060	24V	7.2W	R	370 g							
		12.0W	G B W								
LTS-3FT200150	24V	15.1W	R	750 g							
		25.2W	G B W								

Line scan illumination	3LINH
	3LINL
	2LINS
	2LIN
	2COXL
	2LINM
Structured light	SDL
	STL
Ring illumination	RN
	RNH
	SRN
Shadowless illumination	HPR
	FPR
	DML
	LFR
	3DM
	2DM
Bar illumination	LFX
	FPQ
	RIH
Coaxial illumination	DL
	3BRH
	2BR
	2BRS
Multi-angle illumination	2BRM
	3COH
	3CON
	COXR
Back illumination	3COX
	COPA
	HSL
Waterproof illumination	2SL
	SL
Infrared light	RNMU
	AOI
Ultraviolet light	2FTB/2FTR
	FTC
Customized	2FT/3FT
	2PFT/3PFT
Controller	LIP
	IP
Lenses	IR
	UV
Controller	IR
	UV
	Customized
	PS
	PD
	2DRC
	3STU
	APC
	DPC
	2APC
DPA	
2ACC	
2DPC	
Lenses	Area scan
	Line scan
	Line scan



High Luminance Back Light

2FT/3FT Series

3LINH	Line scan illumination	
3LINL		
3LIN		
2LINS		
2LIN		
2OXL		
2LINM		
SDL		
STL		Structured light
RN		
RNH		
SRN	Ring illumination	
HPR		
FPR		
DML		
LFR	Shadowless illumination	
3DM		
2DM		
LFX		
FPQ		
RIH		
DL		
3BRH		Bar illumination
2BR		
2BRS		
2BRM		
3COH	Coaxial illumination	
3CON		
COXR		
3COX		
COPA		
HSL		
2SL		
SL		
RNMU	Multi-angle illumination	
AOI		
2FTB/2FTR		Back illumination
FTC		
2FT/3FT		
2PFT/3PFT	Waterproof illumination	
LIP		
IP		
IR	Infrared light	
UV		Ultraviolet light
Customized	Customized	
PS		Controller
PD		
2DRC		
3STU		
APC		
DPC		
2APC		
DPA		
2ACC		
2DPC		
Area scan	Lenses	
Line scan		

Light parameters

Product	Model	Voltage	Power	Color	Peak wavelength / color temperature	Weight	Option	Adapted controller	Dimension	Common	Remark																																																						
High luminance back light	LTS-3FT200200	24V	20.2W	R	Red: 620-630nm Green: 525-530nm Blue: 465-470nm White: 6600K (color temperature)	860 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	23	N																																																							
			33.6W	G B W																																																													
	LTS-3FT20641	24V	5.3W	R								860 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	24	Y																																																	
			7.9W	G B W																																																													
	LTS-3FT24070	24V	11.5W	R														860 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	25	N																																											
			17.3W	G B W																																																													
	LTS-3FT250250	24V	33.6W	R																				1558 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	26	N																																					
			50.4W	G B W																																																													
	LTS-3FT260260	24V	34.6W	R																										1658 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	26	N																															
			51.9W	G B W																																																													
	LTS-3FT280280	24V	37.4W	R																																1767 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	27	Y																									
			62.4W	G B W																																																													
	LTS-3FT30060	24V	11.5W	R																																						450 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	28	Y																			
			17.3W	G B W																																																													
	LTS-3FT30641	24V	7.7W	R																																												1333 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	29	N													
			11.5W	G B W																																																													
	LTS-3FT300200	24V	30.2W	R																																																		1518 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	30	N							
			50.4W	G B W																																																													
	LTS-3FT300300	24V	47.0W	R																																																								2193 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	31	N	
			77.3W	G B W																																																													
LTS-3FT350350	24V	77.8W	R	2850 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	32	Y																																																									
		116.6W	G B W																																																														
LTS-3FT400250	24V	54.7W	R							2044 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	33	N																																																			
		91.2W	G B W																																																														
LTS-3FT500100	24V	28.8W	R													1250 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	34	N																																													
		48.0W	G B W																																																														
LTS-3FT500500	24V	138.2W	R																			3269 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	35	N																																							
		207.4W	G B W																																																														
LTS-3FT60060	24V	19.4W	R																									2253 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	36	N																																	
		32.4W	G B W																																																														
LTS-3FT640427	24V	69.1W	R																															6832 g	Polarizing film	Analog controller (P152) Digital controller (P159) High power controller (P152)	37	N																											
		115.2W	G B W																																																														

* UV & IR light can be customized as required.

- ★ 1) Operating environment: Temperature 0-50°C, Humidity 20-85% (Non-condensation)
- 2) Life-span: 50000h (Reduce 50% luminance of factory default)
- 3) Value-added service: One year free technical support, sample free rent

- ※ 1) PVC extension cable: high flexibility, bending resistance, high temperature resistance, apply to use inside of device.
- 2) High flexibility extension cable: harder and more abrasive resistance than PVC, apply to drag chain system production line.

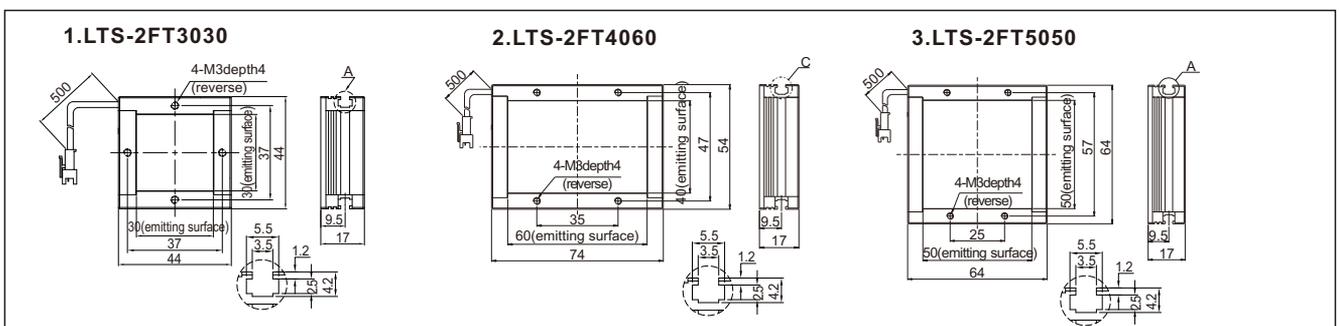


Option



Polarizing film
Improve the lamp shadow or glare light on imaging of reflective object effectively.

Boundary dimension (mm)



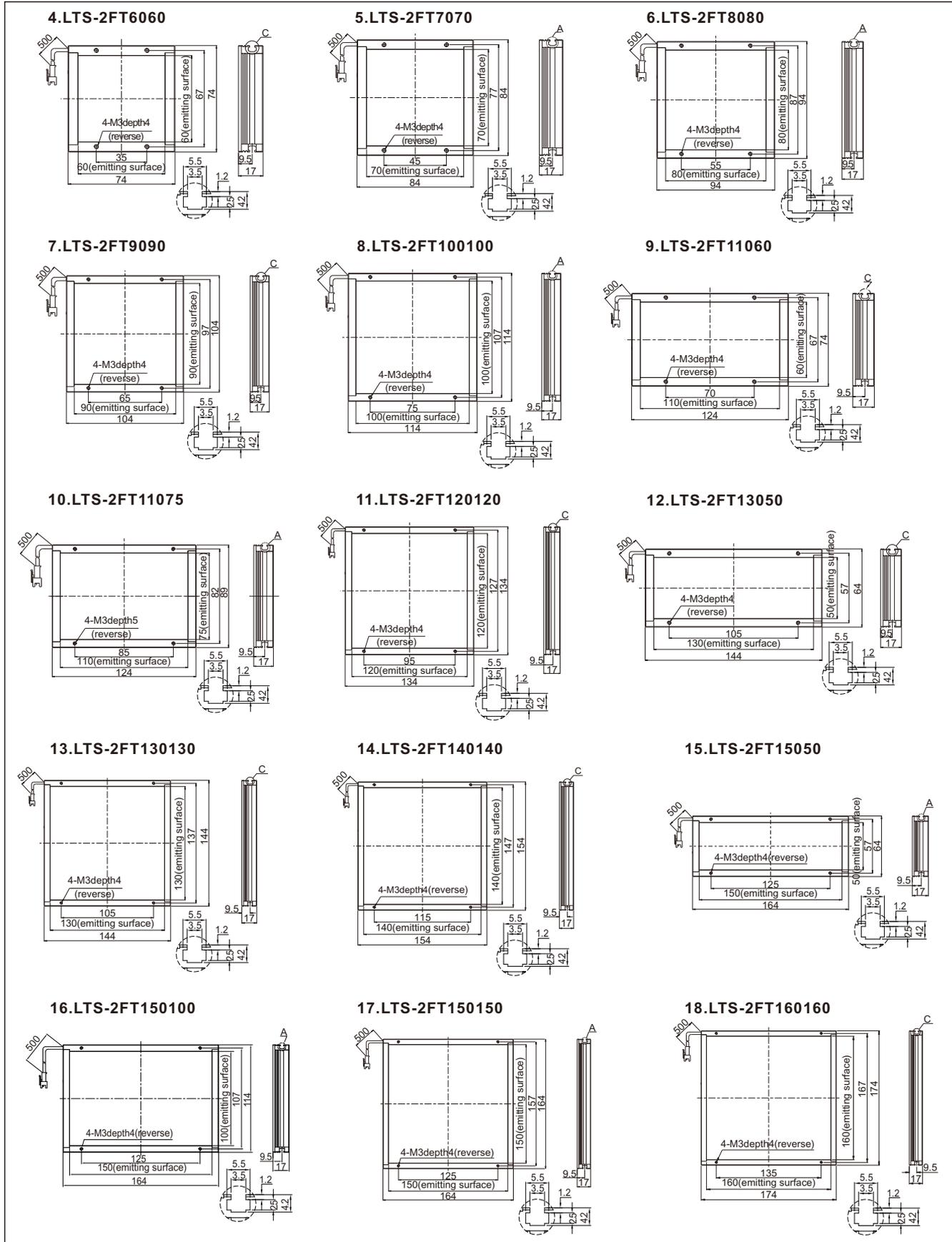
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- Customized color
- On-site technical support
- Sample free rent service

High Luminance Back Light

2FT/3FT Series

→ Boundary dimension (mm)



Line scan illumination	3LINH 3LINL 3LIN 2LINS 2LIN 2COXL 2LINM SDL
Structured light	STL
Ring illumination	RN RNH SRN
Shadowless illumination	HPR FPR DML LFR 3DM 2DM LFX FPQ RIH DL
Bar illumination	3BRH 2BR 2BRS 2BRM
Coaxial illumination	3COH 3CON COXR 3COX COPA HSL 2SL SL
Multi-angle illumination	RNMU AOI
Back illumination	2FTB/ 2FTR FTC 2FT/ 3FT 2PFT/ 3PFT
Waterproof illumination	LIP IP
Infrared light	IR
Ultraviolet light	UV
Customized	Customized
Controller	PS PD 2DRC 3STU APC DPC 2APC DPA 2ACC 2DPC
Lenses	Area scan Line scan

Customized color

On-site technical support

Sample free rent service



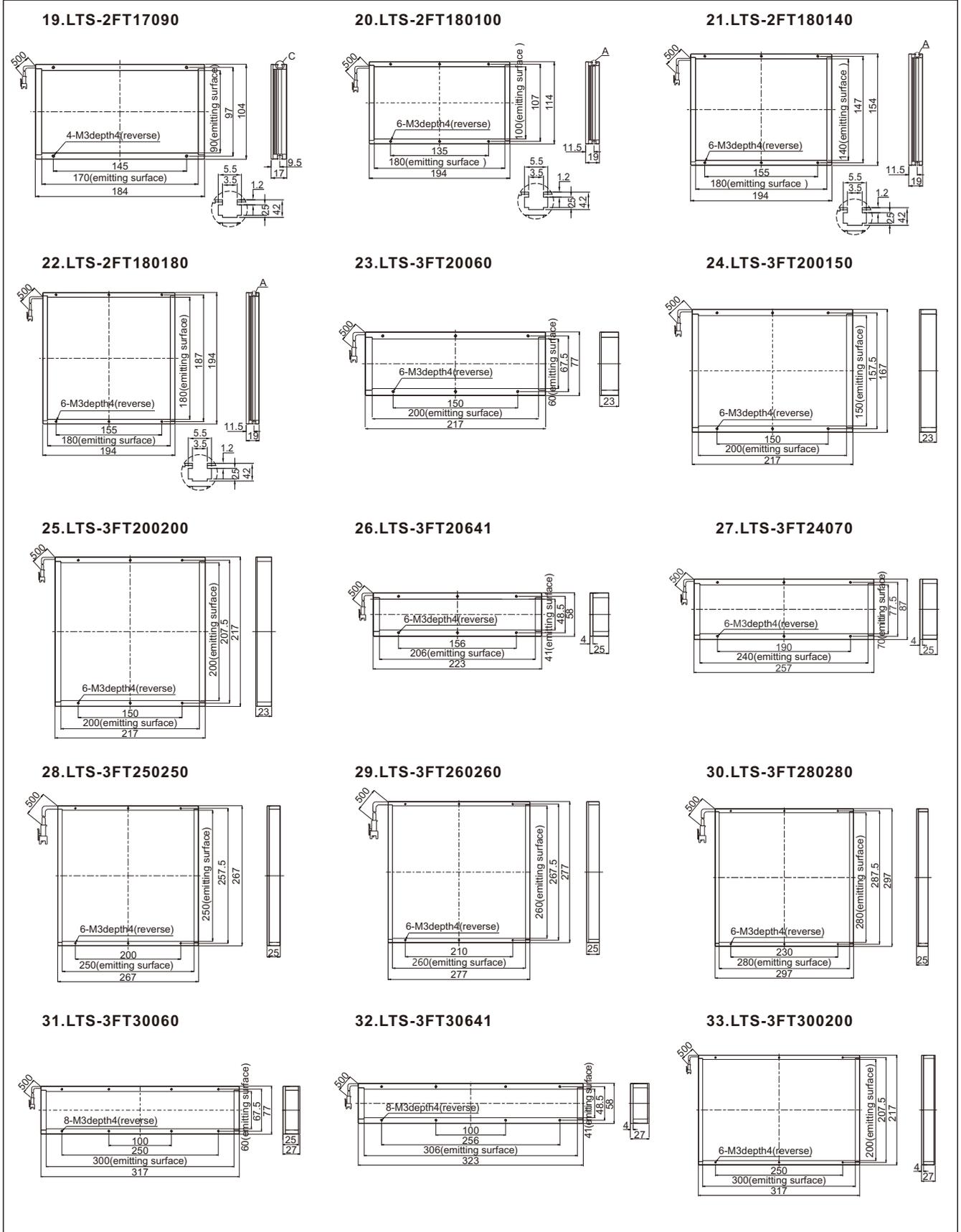
<http://www.lotsmv.com>

High Luminance Back Light

2FT/3FT Series

→ Boundary dimension (mm)

3LINH	Line scan illumination	
3LINL		
3LIN		
2LINS		
2LIN		
2OXL		
2LINM	Structured light	
SDL		
STL		
RN		Ring illumination
RNH		
SRN		
HPR		
FPR		
DML		
LFR	Shadowless illumination	
3DM		
2DM		
LFX		
FPQ		
RIH		
DL	Bar illumination	
3BRH		
2BR		
2BRS		
2BRM		
3COH		
3CON	Coaxial illumination	
COXR		
3COX		
COPA		
HSL		
2SL		
SL	Multi-angle illumination	
RNMU		
AOI		
2FTB/ 2FTR		
FTC		
2FT/ 3FT		
2PFT/ 3PFT	Back illumination	
LIP		
IP		Waterproof illumination
IR		
UV		
Customized		
PS	Controller	
PD		
2DRC		
3STU		
APC		
DPC		
2APC	Lens	
DPA		
2ACC		
2DPC		
Area scan		
Line scan		



<http://www.lotsmv.com>

Customized color

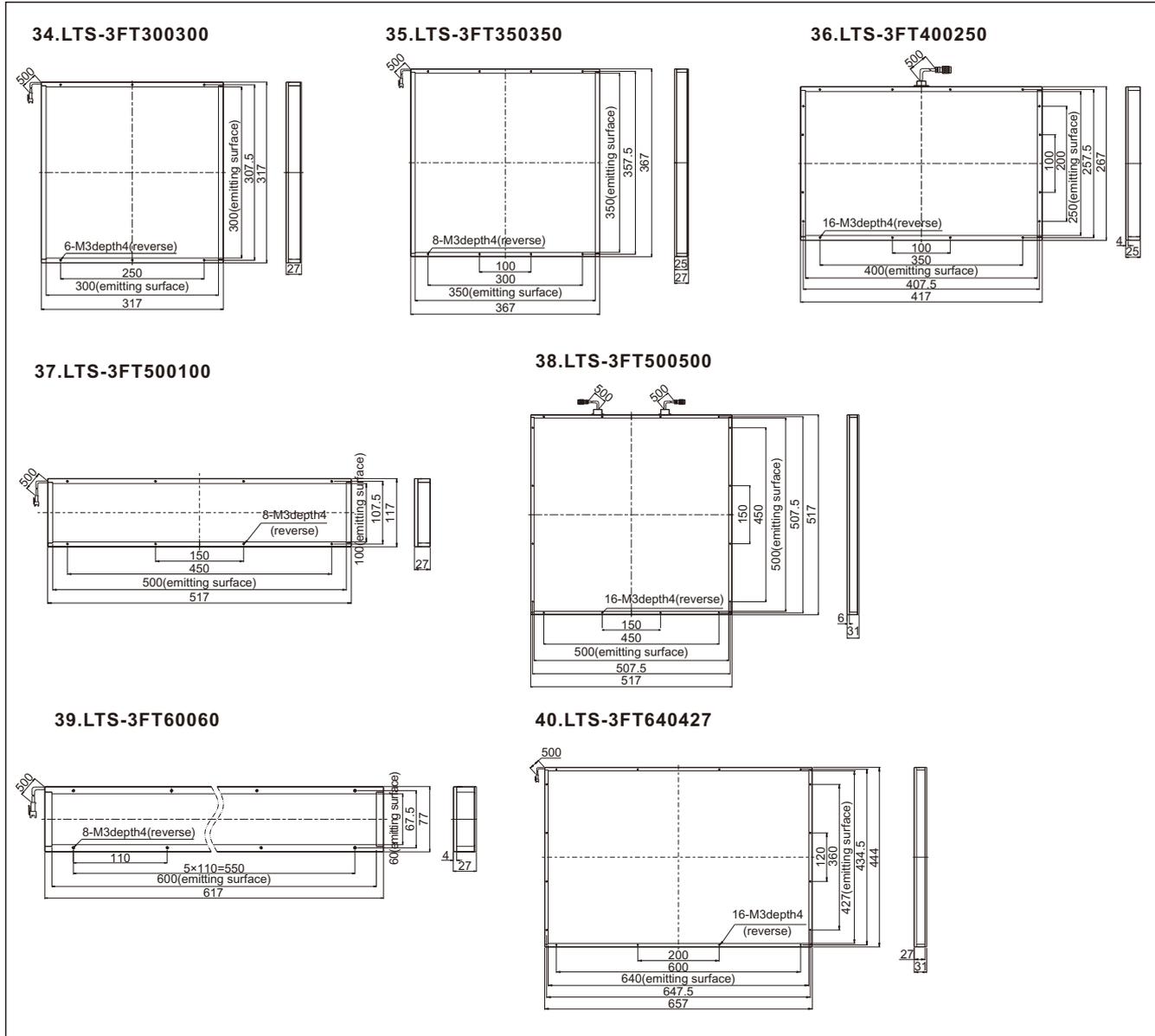
On-site technical support

Sample free rent service

High Luminance Back Light

2FT/3FT Series

→ Boundary dimension (mm)



Line scan illumination	3LINH 3LINL 3LIN 2LINS 2LIN 2COXL 2LINM SDL
Structured light	STL
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Multi-angle illumination	RNMU AOI
Back illumination	2FTB/ 2FTR FTC 2FT/ 3FT 2PFT/ 3PFT
Waterproof illumination	LIP IP
Infrared light	IR
Ultraviolet light	UV
Customized	Customized
Controller	PS PD 2DRC 3STU APC DPC 2APC DPA 2ACC 2DPC
Lenses	Area scan Line scan

Customized color

On-site technical support

Sample free rent service



<http://www.lotsmv.com>